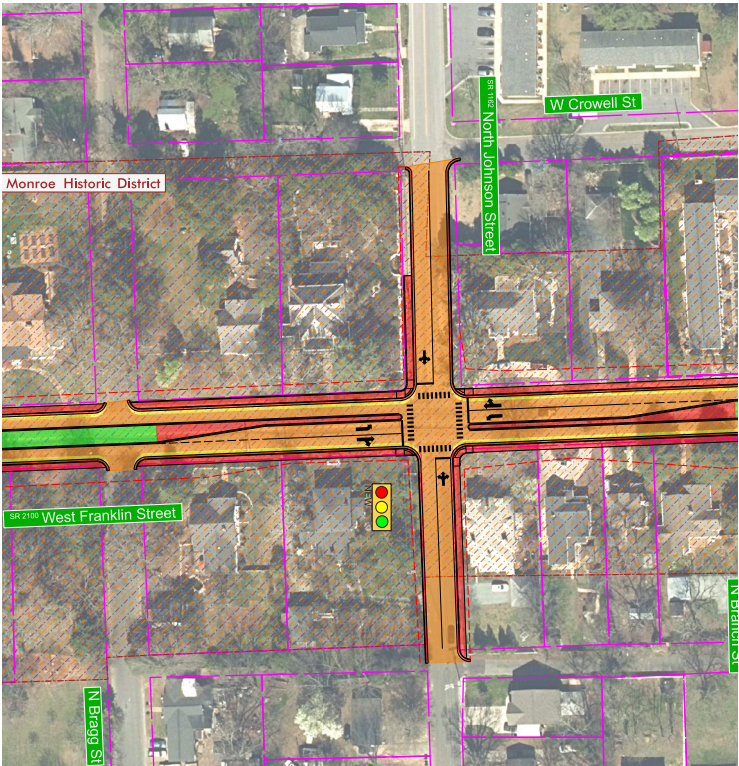


Franklin and Johnson Preferred Alternate – Landscaped Median

Preferred Alternate



Design Considerations

- ▶ Overhead utilities are very close to the existing lanes
- ▶ The property on the northwest corner has distinctive coping header curb to adjust elevation of the sidewalk and traveled lanes
- ▶ Overlays on Franklin Street have reduced the capacity of the curb and gutter
- ▶ Historic properties have structures built very close to the traveled lanes
- ▶ Heavy through traffic on Franklin
- ▶ Wide existing traveled way provides opportunity to develop updated typical section with minimal Right-of-Way impacts





Proposed Design Improvements

- ▶ Construct 16’ raised median to reduce turning movements through the corridor and improve aesthetics.
- ▶ Construct left-turn lanes on Franklin Street.

Cost (2025)	
Preliminary Engineering	\$0.60M
Right-of-Way	\$0.56M
Construction	\$3.31M
TOTAL	\$4.47M
Local match (Min. 20%)	\$0.89M

Jurisdiction	Existing Condition	Turn Lanes
Monroe	Minor Stop-Controlled	No

Analysis

	Congestion				
	AM Peak Hour		PM Peak Hour		
	Delay (sec/veh)	LOS	Delay (sec/veh)	LOS	
2024 Existing	404.3*	F	152.8*	F	27 Existing Crashes 20 Expected Crashes
2050 No-Build	795.7*	F	965.6*	F	
2050 Build	26.5	C	26.2	C	
2050 % Reduction	94%	-	96%	-	Reduction in Total Crashes  26%
					Reduction in Injury Crashes  39%

* Delay from worst Stop Controlled approach
**Maximum Observed Queue from all approaches